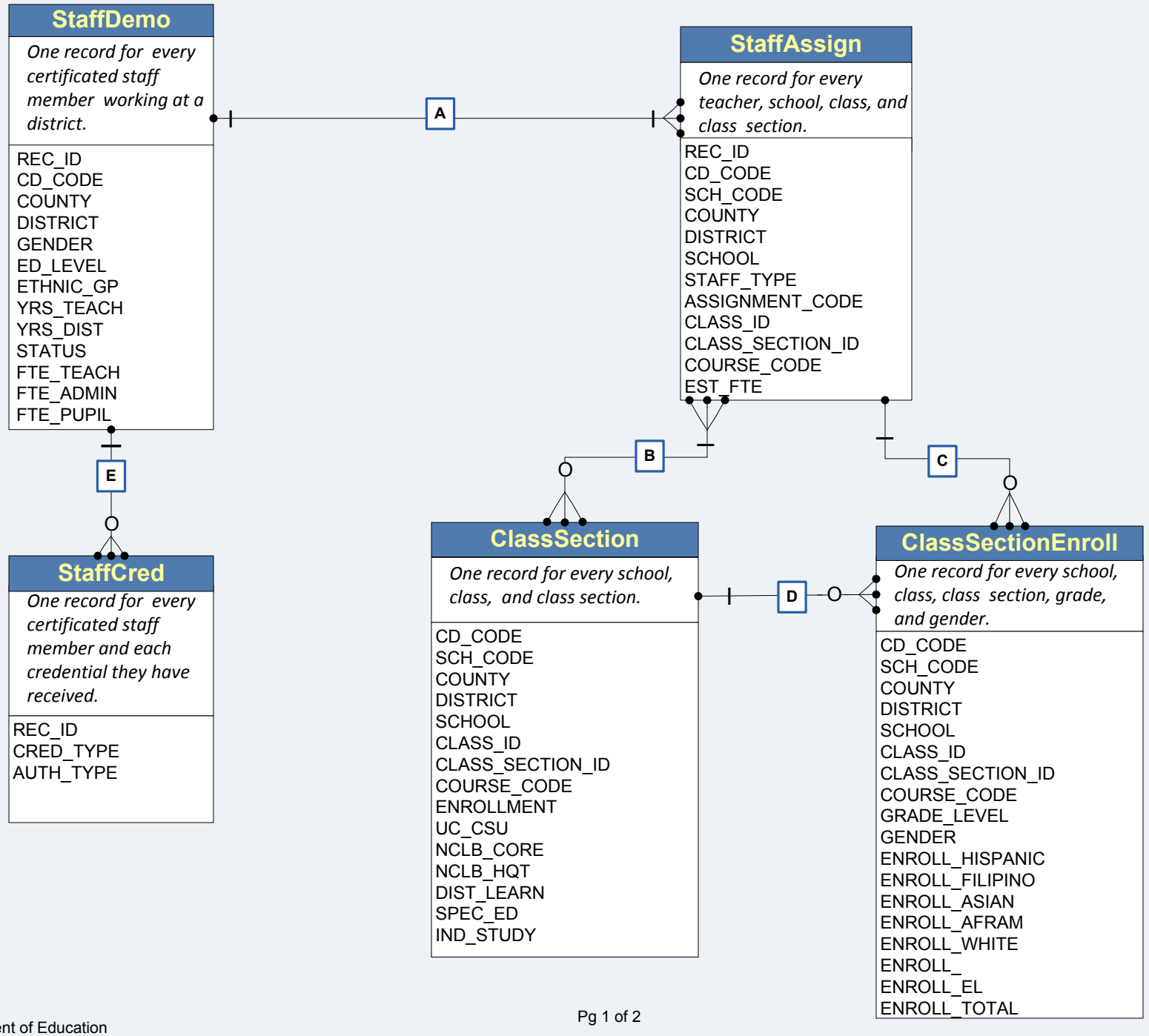
Staff Data - Entity Relationship Diagram



California Department of Education
Data Reporting Office

Revised 12/20/2013

Staff Data Entity Relationship Diagram

A

Each staff member (StaffDemo record) will have one or more staff assignments (StaffAssign record) valid on Information Day. Assignments are either: (1) teaching assignments, which will include a Course Code, Class ID, and Class Section ID; or (2) administrative or pupil services assignments, which will have an Assignment Code.

***Note**: Staff working at more than one district will have a record for each district.*

Primary Key (PK) and Foreign Key (FK) Information

- ***StaffDemo PK** = REC_ID + CD_CODE*
- ***StaffAssign PK** = REC_ID + CD_CODE + CLASS_ID + CLASS_SECTION_ID*
- ***StaffAssign FK** = REC_ID*

B

Each staff teaching assignment (StaffAssign record) will have one or more class sections (ClassSection record) valid on Information Day. Usually one class section (or subject) is taught in one class – so there will be one class section record for a class. In some cases, more than one sections can be taught in one class (i.e., Section 1 - French 1 and Section 2 - French 2 may be taught in one class). In this case, there will be two class section records for a Class ID.

***Note**: In the case of team teaching, a class section will have more than one associated staff assignment records.*

Primary Key (PK) and Foreign Key (FK) Information

- ***StaffAssign PK** = REC_ID + CD_CODE + SCH_CODE + CLASS_ID + CLASS_SECTION_ID*
- ***ClassSection PK** = CD_CODE + SCH_CODE+ CLASS_ID + CLASS_SECTION_ID*
- ***ClassSection FK** = CD_CODE + SCH_CODE + CLASS_ID + CLASS_SECTION_ID*

C

Each staff teaching assignment (StaffAssign Record) will have one or more class section enrollments (ClassSectionEnroll record) valid on Information Day. Use the CDS Code, Class ID, and Class Section ID to find all enrollment records for a specific class section or class. One enrollment record will exist for each grade and gender.

***Note**: In the case of team teaching, a class section enrollment record will have more than one associated staff assignment records.*

Primary Key (PK) and Foreign Key (FK) Information

- ***StaffAssign PK** = REC_ID + CD_CODE + SCH_CODE + CLASS_ID + CLASS_SECTION_ID*
- ***ClassSectionEnroll PK** = CD_CODE + SCH_CODE + CLASS_ID + CLASS_SECTION_ID*
- ***ClassSectionEnroll FK** = CD_CODE + SCH_CODE + CLASS_ID + CLASS_SECTION_ID*

D

Each class section (ClassSection record) will have one or more class section enrollments (ClassSectionEnrollment records) effective on Information Day. In some cases, class section enrollment may not be available.

Primary Key (PK) and Foreign Key (FK) Information

- ***ClassSection PK** = CD_CODE + SCH_CODE + CLASS_ID + CLASS_SECTION_ID*
- ***ClassSectionEnroll PK** = CD_CODE + SCH_CODE + CLASS_ID + CLASS_SECTION_ID*
- ***ClassSectionEnroll FK** = CD_CODE + SCH_CODE + CLASS_ID + CLASS_SECTION_ID*

E

Each staff member (StaffDemo record) will have one or more credentials (StaffCred records), with associated authorizations, that are valid on Information Day. Some staff members may have no credentials valid on Information Day.

Primary Key (PK) and Foreign Key (FK) Information

- ***StaffDemo PK** = REC_ID + CD_CODE*
- ***StaffCred PK** = REC_ID*
- ***StaffCred FK** = REC_ID*